-- 1. ROLES TABLE

CREATE TABLE roles (

id INT PRIMARY KEY,

role\_name VARCHAR(255) NOT NULL,

created\_at TIMESTAMP NULL DEFAULT NULL,

updated\_at TIMESTAMP NULL DEFAULT NULL

);

-- 2. USER STATUSES TABLE

CREATE TABLE user\_statuses (

id INT PRIMARY KEY,

user\_status\_name VARCHAR(255) NOT NULL,

created\_at TIMESTAMP NULL DEFAULT NULL,

updated\_at TIMESTAMP NULL DEFAULT NULL,

deleted\_at TIMESTAMP NULL DEFAULT NULL

);

-- 3. USERS TABLE

CREATE TABLE users (

id INT PRIMARY KEY,

id\_number VARCHAR(255) NOT NULL,

name VARCHAR(255) NOT NULL,

email VARCHAR(255) NOT NULL,

email\_verified\_at TIMESTAMP NULL DEFAULT NULL,

password VARCHAR(255) NOT NULL,

profile\_photo\_path VARCHAR(255) NOT NULL,

phone\_number VARCHAR(255) NOT NULL,

is\_otp\_verified TINYINT(1) NOT NULL DEFAULT 0,

role\_id INT, -- Foreign key to roles(id)

user\_status\_id INT, -- Foreign key to user\_statuses(id)

created\_at TIMESTAMP NULL DEFAULT NULL,

updated\_at TIMESTAMP NULL DEFAULT NULL,

last\_seen TIMESTAMP NULL DEFAULT NULL,

FOREIGN KEY (role\_id) REFERENCES roles(id),

FOREIGN KEY (user\_status\_id) REFERENCES user\_statuses(id)

);

-- 4. BOOKS TABLE

CREATE TABLE books (

id INT PRIMARY KEY,

isbn VARCHAR(255) NOT NULL,

date\_received DATE DEFAULT NULL,

class VARCHAR(255) NOT NULL,

author VARCHAR(255) NOT NULL,

title\_of\_book VARCHAR(255) NOT NULL,

edition VARCHAR(255) NOT NULL,

pages VARCHAR(255) NOT NULL,

source\_of\_fund VARCHAR(255) NOT NULL,

cost\_price DECIMAL(10, 2) DEFAULT NULL,

publisher VARCHAR(255) NOT NULL,

year YEAR(4) DEFAULT NULL,

remarks VARCHAR(255) NOT NULL,

created\_at TIMESTAMP NULL DEFAULT NULL,

updated\_at TIMESTAMP NULL DEFAULT NULL

);

-- 5. BOOK COPIES TABLE

CREATE TABLE book\_copies (

id INT PRIMARY KEY,

book\_id INT, -- Foreign key to books(id)

created\_at TIMESTAMP NULL DEFAULT NULL,

updated\_at TIMESTAMP NULL DEFAULT NULL,

FOREIGN KEY (book\_id) REFERENCES books(id)

);

-- 6. STATUSES TABLE

CREATE TABLE statuses (

id INT PRIMARY KEY,

status\_name VARCHAR(255) NOT NULL,

created\_at TIMESTAMP NULL DEFAULT NULL,

updated\_at TIMESTAMP NULL DEFAULT NULL

);

-- 7. HISTORIES TABLE

CREATE TABLE histories (

id INT PRIMARY KEY,

book\_copy\_id INT,

borrower\_id INT,

status\_id INT, date\_return DATE DEFAULT NULL,

created\_at TIMESTAMP NULL DEFAULT NULL,

updated\_at TIMESTAMP NULL DEFAULT NULL,

FOREIGN KEY (book\_copy\_id) REFERENCES book\_copies(id),

FOREIGN KEY (borrower\_id) REFERENCES users(id),

FOREIGN KEY (status\_id) REFERENCES statuses(id)

);